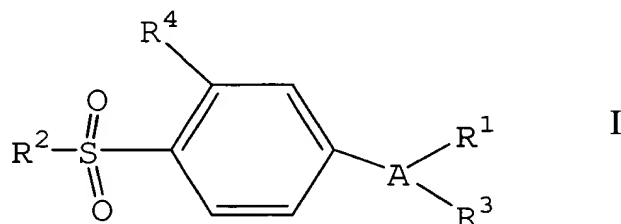


## WHAT IS CLAIMED IS:

1. A method of treatment or prophylaxis of inflammation or an inflammation-related condition or disorder such as arthritis in a non-human animal, comprising feeding to the animal a metered amount of a food composition wherein a selective cyclooxygenase-2 inhibitor is substantially homogeneously dispersed in  
5 said food composition
2. A method of claim 1 wherein said animal is susceptible to or suffering from inflammation or an inflammation-related condition or disorder.
3. A method of claim 1 wherein said cyclooxygenase-2 inhibitor is selected from a class of compounds of the following formula:



- wherein A is a 5- or 6-member ring substituent selected from partially  
5 unsaturated or unsaturated heterocyclo and carbocyclic rings;
- wherein R<sup>1</sup> is cyclohexyl or phenyl optionally substituted with one, two or three radicals selected from C<sub>1-2</sub> alkyl, C<sub>1-2</sub> haloalkyl, cyano, carboxyl, C<sub>1-2</sub> alkoxy carbonyl, hydroxyl, C<sub>1-2</sub> hydroxyalkyl, C<sub>1-2</sub> haloalkoxy, amino, C<sub>1-2</sub> alkylamino, phenylamino, nitro, C<sub>1-2</sub> alkoxy-C<sub>1-2</sub>-alkyl, C<sub>1-2</sub> alkylsulfinyl, halo, C<sub>1-2</sub>  
10 alkoxy and C<sub>1-2</sub> alkylthio;
- wherein R<sup>2</sup> is methyl or amino;
- wherein R<sup>3</sup> is a radical selected from halo, C<sub>1-2</sub> alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocycloxy, C<sub>1-2</sub> alkoxy, alkylthio, alkylcarbonyl, cycloalkyl, phenyl, C<sub>1-2</sub> haloalkyl, heterocyclo, cycloalkenyl, phenylalkyl,  
15 heterocyclylalkyl, alkylthioalkyl, C<sub>1-2</sub> hydroxyalkyl, alkoxy carbonyl, phenylcarbonyl, phenylalkylcarbonyl, phenylalkenyl, alkoxyalkyl, phenylthioalkyl, phenyloxyalkyl,

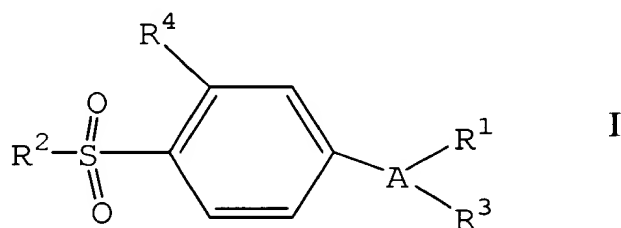
- phenylalkylthioalkyl, phenylalkoxyalkyl, alkoxyphenylalkoxyalkyl,  
 alkoxycarbonylalkyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-  
 phenylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, alkylaminocarbonylalkyl,  
 20 carboxyalkyl, alkylamino, N-arylamino, N-aralkylamino, N-alkyl-N-aralkylamino,  
 N-alkyl-N-arylamino, aminoalkyl, alkylaminoalkyl, N-phenylaminoalkyl,  
 N-phenylalkylaminoalkyl, N-alkyl-N-phenylalkylaminoalkyl, N-alkyl-N-  
 phenylaminoalkyl, phenyloxy, phenylalkoxy, phenylthio, phenylalkylthio,  
 alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl,  
 25 N-phenylaminosulfonyl, phenylsulfonyl and N-alkyl-N-phenylaminosulfonyl; and  
 wherein R<sup>4</sup> is hydrido or fluoro;  
 or a pharmaceutically-acceptable salt thereof.

4. A method of claim 1 wherein said cyclooxygenase-2 inhibitor is selected from  
 Celecoxib, Deracoxib, Rofecoxib and Valdecoxib.
5. A method of claim 1 wherein said cyclooxygenase-2 inhibitor is Deracoxib.
6. A method of claim 1 wherein said animal has a weight greater than about 1 kg.
7. A method of claim 1 wherein said animal has a weight within the range of about 2  
 kg to about 70 kg.
8. A method of claim 1 wherein said animal has a weight within the range of about  
 50 kg to about 1500 kg.
9. A method of claim 1 wherein said animal is a dog.
10. A method of claim 1 wherein said animal is a horse.
11. A method of claim 1 wherein said metered amount of said food composition  
 contains an amount of said selective cyclooxygenase-2 inhibitor that is between  
 about 0.1 mg/kg animal body weight to about 15 mg/kg animal body weight.

12. A method of claim 1 wherein said metered amount of said food composition contains an amount of said selective cyclooxygenase-2 inhibitor that is between about 0.5 mg/kg animal body weight to about 10 mg/kg animal body weight.

✓  
13. A method of treatment or prophylaxis of a cyclooxygenase-2 mediated condition or disorder in a non-human animal having a body weight greater than about 1 kg, comprising feeding to the animal a metered amount of a food composition wherein a selective cyclooxygenase-2 inhibitor is substantially homogeneously dispersed in said food composition.

14. A method of claim 13 wherein said cyclooxygenase-2 inhibitor is selected from a class of compounds of the following formula:



wherein A is a 5- or 6-member ring substituent selected from partially unsaturated or unsaturated heterocyclo and carbocyclic rings;

wherein R<sup>1</sup> is cyclohexyl or phenyl optionally substituted with one, two or three radicals selected from C<sub>1-2</sub> alkyl, C<sub>1-2</sub> haloalkyl, cyano, carboxyl, C<sub>1-2</sub> alkoxy, carbonyl, hydroxyl, C<sub>1-2</sub> hydroxyalkyl, C<sub>1-2</sub> haloalkoxy, amino, C<sub>1-2</sub> alkylamino, phenylamino, nitro, C<sub>1-2</sub> alkoxy-C<sub>1-2</sub>-alkyl, C<sub>1-2</sub> alkylsulfinyl, halo, C<sub>1-2</sub> alkoxy and C<sub>1-2</sub> alkylthio;

wherein R<sup>2</sup> is methyl or amino;

wherein R<sup>3</sup> is a radical selected from halo, C<sub>1-2</sub> alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocycloalkoxy, C<sub>1-2</sub> alkoxy, alkylthio, alkylcarbonyl, cycloalkyl, phenyl, C<sub>1-2</sub> haloalkyl, heterocyclo, cycloalkenyl, phenylalkyl, heterocyclylalkyl, alkylthioalkyl, C<sub>1-2</sub> hydroxyalkyl, alkoxy, carbonyl, phenylcarbonyl, phenylalkylcarbonyl, phenylalkenyl, alkoxyalkyl, phenylthioalkyl, phenyloxyalkyl, phenylalkylthioalkyl, phenylalkoxyalkyl, alkoxyphenylalkoxyalkyl,

- alkoxycarbonylalkyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-phenylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, alkylaminocarbonylalkyl,  
 20 carboxyalkyl, alkylamino, N-arylamino, N-aralkylamino, N-alkyl-N-aralkylamino, N-alkyl-N-arylamino, aminoalkyl, alkylaminoalkyl, N-phenylaminoalkyl, N-phenylalkylaminoalkyl, N-alkyl-N-phenylalkylaminoalkyl, N-alkyl-N-phenylaminoalkyl, phenyloxy, phenylalkoxy, phenylthio, phenylalkylthio, alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl,  
 25 N-phenylaminosulfonyl, phenylsulfonyl and N-alkyl-N-phenylaminosulfonyl; and  
 wherein R<sup>4</sup> is hydrido or fluoro;  
 or a pharmaceutically-acceptable salt thereof.

15. A method of claim 13 wherein said cyclooxygenase-2 inhibitor is selected from Celecoxib, Deracoxib, Rofecoxib and Valdecoxib.

16. A method of claim 13 wherein said cyclooxygenase-2 inhibitor is Deracoxib.

17. A method of claim 13 wherein said animal has a weight greater than about 2 kg.

18. A method of claim 13 wherein said animal has a weight within the range of about 2 kg and about 70 kg.

19. A method of claim 13 wherein said animal has a weight within the range of about 50 kg and about 1500 kg.

20. A method of claim 13 wherein said animal is a dog.

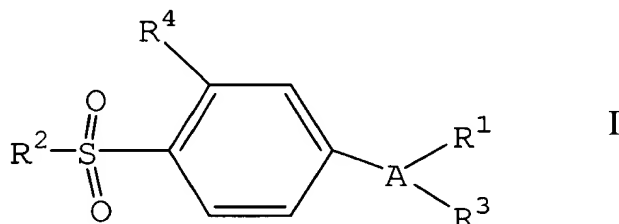
21. A method of claim 13 wherein said animal is a horse.

22. A method of claim 13 wherein said metered amount of said food composition contains an amount of said selective cyclooxygenase-2 inhibitor that is between about 0.1 mg/kg animal body weight to about 15 mg/kg animal body weight.

23. A method of claim 13 wherein said metered amount of said food composition contains an amount of said selective cyclooxygenase-2 inhibitor that is between about 0.5 mg/kg animal body weight to about 10 mg/kg animal body weight.

24. A food composition comprising one or more visually meterable dose units, each dose unit comprising a food material having substantially homogeneously dispersed therein a selective cyclooxygenase-2 inhibitor in a therapeutically or prophylactically effective amount for a non-human animal of body weight greater than about 1 kg.

25. A food composition of claim 24 wherein said cyclooxygenase-2 inhibitor is selected from a class of compounds of the following formula:



wherein A is a 5- or 6-member ring substituent selected from partially unsaturated or unsaturated heterocyclo and carbocyclic rings;

wherein R<sup>1</sup> is cyclohexyl or phenyl optionally substituted with one, two or three radicals selected from C<sub>1-2</sub> alkyl, C<sub>1-2</sub> haloalkyl, cyano, carboxyl, C<sub>1-2</sub> alkoxy, carbonyl, hydroxyl, C<sub>1-2</sub> hydroxyalkyl, C<sub>1-2</sub> haloalkoxy, amino, C<sub>1-2</sub> alkylamino, phenylamino, nitro, C<sub>1-2</sub> alkoxy-C<sub>1-2</sub>-alkyl, C<sub>1-2</sub> alkylsulfinyl, halo, C<sub>1-2</sub> alkoxy and C<sub>1-2</sub> alkylthio;

wherein R<sup>2</sup> is methyl or amino;

wherein R<sup>3</sup> is a radical selected from halo, C<sub>1-2</sub> alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocycloalkoxy, C<sub>1-2</sub> alkoxy, alkylthio, alkylcarbonyl, cycloalkyl, phenyl, C<sub>1-2</sub> haloalkyl, heterocyclo, cycloalkenyl, phenylalkyl, heterocyclylalkyl, alkylthioalkyl, C<sub>1-2</sub> hydroxyalkyl, alkoxy, carbonyl, phenylcarbonyl, phenylalkylcarbonyl, phenylalkenyl, alkoxyalkyl, phenylthioalkyl, phenyloxyalkyl, phenylalkylthioalkyl, phenylalkoxyalkyl, alkoxyphenylalkoxyalkyl, alkoxy, carbonylalkyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-

- phenylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, alkylaminocarbonylalkyl,  
 20 carboxyalkyl, alkylamino, N-arylamino, N-aralkylamino, N-alkyl-N-aralkylamino,  
 N-alkyl-N-arylamino, aminoalkyl, alkylaminoalkyl, N-phenylaminoalkyl,  
 N-phenylalkylaminoalkyl, N-alkyl-N-phenylalkylaminoalkyl, N-alkyl-N-  
 phenylaminoalkyl, phenyloxy, phenylalkoxy, phenylthio, phenylalkylthio,  
 alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl,  
 25 N-phenylaminosulfonyl, phenylsulfonyl and N-alkyl-N-phenylaminosulfonyl; and  
 wherein R<sup>4</sup> is hydrido or fluoro;  
 or a pharmaceutically-acceptable salt thereof.

26. A food composition of claim 24 wherein said cyclooxygenase-2 inhibitor is  
 selected from Celecoxib, Deracoxib, Rofecoxib and Valdecoxib.

27. A food composition of claim 24 wherein said cyclooxygenase-2 inhibitor is  
 Deracoxib.

28. A food composition of claim 24 wherein each dose unit contains said selective  
 cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically  
 effective for a non-human animal of body weight greater than about 2 kg.

29. A food composition of claim 24 wherein each dose unit contains said selective  
 cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically  
 effective for a non-human animal of body weight greater than about 2 kg to about  
 70 kg.

30. A food composition of claim 24 wherein each dose unit contains said selective  
 cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically  
 effective for a non-human animal of body weight greater than about 50 kg to  
 about 1500 kg.

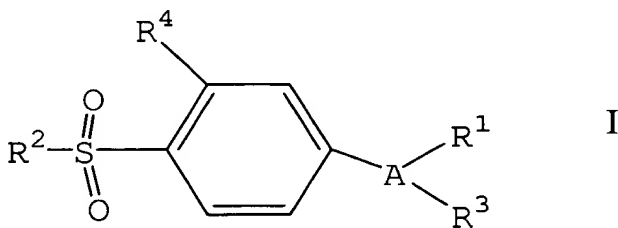
31. A food composition of claim 24 wherein each dose unit contains said selective  
 cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically

effective for a dog.

32. A food composition of claim 24 wherein each dose unit contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a horse.
33. A food composition of claim 24 wherein each dose unit contains an amount of said selective cyclooxygenase-2 inhibitor that is between about 0.1 mg/kg animal body weight to about 15 mg/kg animal body weight.
34. A food composition of claim 24 wherein each dose unit contains contains an amount of said selective cyclooxygenase-2 inhibitor that is between about 0.5 mg/kg animal body weight to about 10 mg/kg animal body weight.

- ✓  
35. An article of manufacture comprising a shaped composition having two substantially planar ends, an elongate dimension substantially orthogonal to the ends and a substantially uniform cross-sectional area, the shaped composition comprising a food material having substantially homogeneously distributed therein a selective cyclooxygenase-2 inhibitor, the shaped composition being  
5 packaged in a cuttable wrapping material having printed thereon marks at equal spacing along the elongate dimension, said marks corresponding to increments of dosage amount of the cyclooxygenase-2 inhibitor contained in portions of the shaped composition defined by the marks.

36. An article of manufacture of claim 35 wherein said cyclooxygenase-2 inhibitor is selected from a class of compounds of the following formula:



wherein A is a 5- or 6-member ring substituent selected from partially

- 5 unsaturated or unsaturated heterocyclo and carbocyclic rings;  
 wherein R<sup>1</sup> is cyclohexyl or phenyl optionally substituted with one, two or three radicals selected from C<sub>1-2</sub> alkyl, C<sub>1-2</sub> haloalkyl, cyano, carboxyl, C<sub>1-2</sub> alkoxy, carbonyl, hydroxyl, C<sub>1-2</sub> hydroxyalkyl, C<sub>1-2</sub> haloalkoxy, amino, C<sub>1-2</sub> alkylamino, phenylamino, nitro, C<sub>1-2</sub> alkoxy-C<sub>1-2</sub>-alkyl, C<sub>1-2</sub> alkylsulfinyl, halo, C<sub>1-2</sub> alkoxy and C<sub>1-2</sub> alkylthio;  
 10 wherein R<sup>2</sup> is methyl or amino;  
 wherein R<sup>3</sup> is a radical selected from halo, C<sub>1-2</sub> alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocycloxy, C<sub>1-2</sub> alkoxy, alkylthio, alkylcarbonyl, cycloalkyl, phenyl, C<sub>1-2</sub> haloalkyl, heterocyclo, cycloalkenyl, phenylalkyl,  
 15 heterocyclylalkyl, alkylthioalkyl, C<sub>1-2</sub> hydroxyalkyl, alkoxy, carbonyl, phenylcarbonyl, phenylalkylcarbonyl, phenylalkenyl, alkoxyalkyl, phenylthioalkyl, phenyloxyalkyl, phenylalkylthioalkyl, phenylalkoxyalkyl, alkoxyphenylalkoxyalkyl, alkoxy, carbonylalkyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-phenylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, alkylaminocarbonylalkyl,  
 20 carboxyalkyl, alkylamino, N-arylamino, N-aralkylamino, N-alkyl-N-aralkylamino, N-alkyl-N-arylamino, aminoalkyl, alkylaminoalkyl, N-phenylaminoalkyl, N-phenylalkylaminoalkyl, N-alkyl-N-phenylalkylaminoalkyl, N-alkyl-N-phenylaminoalkyl, phenyloxy, phenylalkoxy, phenylthio, phenylalkylthio, alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl,  
 25 N-phenylaminosulfonyl, phenylsulfonyl and N-alkyl-N-phenylaminosulfonyl; and  
 wherein R<sup>4</sup> is hydrido or fluoro;  
 or a pharmaceutically-acceptable salt thereof.

37. An article of manufacture of claim 35 wherein said cyclooxygenase-2 inhibitor is selected from Celecoxib, Deracoxib, Rofecoxib and Valdecoxib.

38. An article of manufacture of claim 35 wherein said cyclooxygenase-2 inhibitor is Deracoxib.

39. An article of manufacture of claim 35 wherein each increment of dosage amount corresponds to a portion of said shaped composition containing said selective

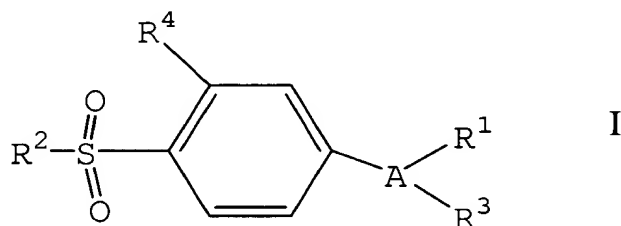
cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 1 kg.

40. An article of manufacture of claim 35 wherein each increment of dosage amount corresponds to a portion of said shaped composition containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 2 kg to about  
5 70 kg.
41. An article of manufacture of claim 35 wherein each increment of dosage amount corresponds to a portion of said shaped composition containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 50 kg to  
5 about 1500 kg.
42. An article of manufacture of claim 35 wherein each increment of dosage amount corresponds to a portion of said shaped composition containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a dog.
43. An article of manufacture of claim 35 wherein each increment of dosage amount corresponds to a portion of said shaped composition containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a horse
44. An article of manufacture of claim 35 wherein each increment of dosage amount corresponds to a portion of said shaped composition for administration to a non-human animal and contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.1 mg/kg animal body weight to about 15 mg/kg  
5 animal body weight.
45. An article of manufacture of claim 35 wherein each increment of dosage amount corresponds to a portion of said shaped composition for administration to a non-

human animal and contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.5 mg/kg animal body weight to about 10 mg/kg animal body weight.

46. An article of manufacture comprising a shaped composition that comprises a brittle food material having substantially homogeneously distributed therein or substantially uniformly distributed over a surface thereof a selective cyclooxygenase-2 inhibitor, the shaped composition having means for providing linear zones of reduced mechanical strength permitting breakage into substantially evenly sized portions each containing a metered dosage amount of the cyclooxygenase-2 inhibitor.

47. An article of manufacture of claim 46 wherein said cyclooxygenase-2 inhibitor is selected from a class of compounds of the following formula:



wherein A is a 5- or 6-member ring substituent selected from partially unsaturated or unsaturated heterocyclo and carbocyclic rings;

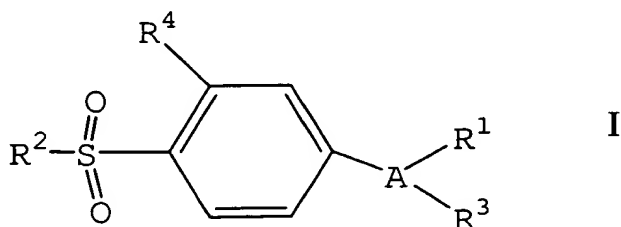
wherein R<sup>1</sup> is cyclohexyl or phenyl optionally substituted with one, two or three radicals selected from C<sub>1-2</sub> alkyl, C<sub>1-2</sub> haloalkyl, cyano, carboxyl, C<sub>1-2</sub> alkoxy, carbonyl, hydroxyl, C<sub>1-2</sub> hydroxyalkyl, C<sub>1-2</sub> haloalkoxy, amino, C<sub>1-2</sub> alkylamino, phenylamino, nitro, C<sub>1-2</sub> alkoxy-C<sub>1-2</sub>-alkyl, C<sub>1-2</sub> alkylsulfinyl, halo, C<sub>1-2</sub> alkoxy and C<sub>1-2</sub> alkylthio;

wherein R<sup>2</sup> is methyl or amino;

wherein R<sup>3</sup> is a radical selected from halo, C<sub>1-2</sub> alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocycloalkoxy, C<sub>1-2</sub> alkoxy, alkylthio, alkylcarbonyl, cycloalkyl, phenyl, C<sub>1-2</sub> haloalkyl, heterocyclo, cycloalkenyl, phenylalkyl, heterocyclylalkyl, alkylthioalkyl, C<sub>1-2</sub> hydroxyalkyl, alkoxy, carbonyl, phenylcarbonyl, phenylalkylcarbonyl, phenylalkenyl, alkoxyalkyl, phenylthioalkyl, phenyloxyalkyl,

- phenylalkylthioalkyl, phenylalkoxyalkyl, alkoxyphenylalkoxyalkyl,  
 alkoxycarbonylalkyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-  
 phenylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, alkylaminocarbonylalkyl,  
 20 carboxyalkyl, alkylamino, N-arylamino, N-aralkylamino, N-alkyl-N-aralkylamino,  
 N-alkyl-N-arylamino, aminoalkyl, alkylaminoalkyl, N-phenylaminoalkyl,  
 N-phenylalkylaminoalkyl, N-alkyl-N-phenylalkylaminoalkyl, N-alkyl-N-  
 phenylaminoalkyl, phenyloxy, phenylalkoxy, phenylthio, phenylalkylthio,  
 alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl,  
 25 N-phenylaminosulfonyl, phenylsulfonyl and N-alkyl-N-phenylaminosulfonyl; and  
 wherein R<sup>4</sup> is hydrido or fluoro;  
 or a pharmaceutically-acceptable salt thereof.
48. An article of manufacture of claim 46 wherein said cyclooxygenase-2 inhibitor is  
 selected from Celecoxib, Deracoxib, Rofecoxib and Valdecoxib.
49. An article of manufacture of claim 46 wherein said cyclooxygenase-2 inhibitor is  
 Deracoxib.
50. An article of manufacture of claim 46 wherein each portion of said shaped  
 composition contains said selective cyclooxygenase-2 inhibitor in an amount  
 therapeutically or prophylactically effective for a non-human animal of body  
 weight greater than about 1 kg.
51. An article of manufacture of claim 46 wherein each portion of said shaped  
 composition contains said selective cyclooxygenase-2 inhibitor in an amount  
 therapeutically or prophylactically effective for a non-human animal of body  
 weight greater than about 2 kg to about 70 kg
52. An article of manufacture of claim 46 wherein each portion of said shaped  
 composition contains said selective cyclooxygenase-2 inhibitor in an amount  
 therapeutically or prophylactically effective for a non-human animal of body  
 weight greater than about 50 kg to about 1500 kg.

53. An article of manufacture of claim 46 wherein each portion of said shaped composition contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a dog
54. An article of manufacture of claim 46 wherein each portion of said shaped composition contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a horse.
55. An article of manufacture of claim 46 wherein each portion of said shaped composition contains a metered dosage amount of said selective cyclooxygenase-2 inhibitor for administration to a non-human animal that is between about 0.1 mg/kg animal body weight to about 15 mg/kg animal body weight.
56. An article of manufacture of claim 46 wherein each portion of said shaped composition contains a metered dosage amount of said selective cyclooxygenase-2 inhibitor for administration to a non-human animal that is between about 0.5 mg/kg animal body weight to about 10 mg/kg animal body weight.
57. An article of manufacture comprising a package wherein are contained a plurality of discrete uniformly sized food units, each food unit comprising a food material having substantially homogeneously distributed or substantially uniformly distributed over a surface thereof therein a selective cyclooxygenase-2 inhibitor in a metered dosage amount.
58. An article of manufacture of claim 57 wherein said cyclooxygenase-2 inhibitor is selected from a class of compounds of the following formula:



- wherein A is a 5- or 6-member ring substituent selected from partially  
 5 unsaturated or unsaturated heterocyclo and carbocyclic rings;  
 wherein R<sup>1</sup> is cyclohexyl or phenyl optionally substituted with one, two or  
 three radicals selected from C<sub>1-2</sub> alkyl, C<sub>1-2</sub> haloalkyl, cyano, carboxyl, C<sub>1-2</sub>  
 alkoxycarbonyl, hydroxyl, C<sub>1-2</sub> hydroxyalkyl, C<sub>1-2</sub> haloalkoxy, amino, C<sub>1-2</sub>  
 alkylamino, phenylamino, nitro, C<sub>1-2</sub> alkoxy-C<sub>1-2</sub>-alkyl, C<sub>1-2</sub> alkylsulfinyl, halo, C<sub>1-2</sub>  
 10 alkoxy and C<sub>1-2</sub> alkylthio;  
 wherein R<sup>2</sup> is methyl or amino;  
 wherein R<sup>3</sup> is a radical selected from halo, C<sub>1-2</sub> alkyl, alkenyl, alkynyl, oxo,  
 cyano, carboxyl, cyanoalkyl, heterocycloxy, C<sub>1-2</sub> alkyloxy, alkylthio, alkylcarbonyl,  
 cycloalkyl, phenyl, C<sub>1-2</sub> haloalkyl, heterocyclo, cycloalkenyl, phenylalkyl,  
 15 heterocyclylalkyl, alkylthioalkyl, C<sub>1-2</sub> hydroxyalkyl, alkoxycarbonyl, phenylcarbonyl,  
 phenylalkylcarbonyl, phenylalkenyl, alkoxyalkyl, phenylthioalkyl, phenyloxyalkyl,  
 phenylalkylthioalkyl, phenylalkoxyalkyl, alkoxyphenylalkoxyalkyl,  
 alkoxycarbonylalkyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-  
 phenylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, alkylaminocarbonylalkyl,  
 20 carboxyalkyl, alkylamino, N-arylamino, N-aralkylamino, N-alkyl-N-aralkylamino,  
 N-alkyl-N-arylamino, aminoalkyl, alkylaminoalkyl, N-phenylaminoalkyl,  
 N-phenylalkylaminoalkyl, N-alkyl-N-phenylalkylaminoalkyl, N-alkyl-N-  
 phenylaminoalkyl, phenyloxy, phenylalkoxy, phenylthio, phenylalkylthio,  
 alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl,  
 25 N-phenylaminosulfonyl, phenylsulfonyl and N-alkyl-N-phenylaminosulfonyl; and  
 wherein R<sup>4</sup> is hydrido or fluoro;  
 or a pharmaceutically-acceptable salt thereof.

59. An article of manufacture of claim 57 wherein said cyclooxygenase-2 inhibitor is  
 selected from Celecoxib, Deracoxib, Rofecoxib and Valdecoxib.

60. An article of manufacture of claim 57 wherein said cyclooxygenase-2 inhibitor is  
 Deracoxib.

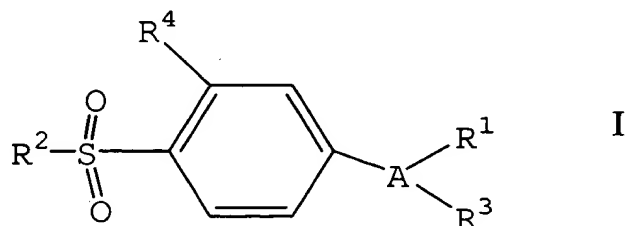
61. An article of manufacture of claim 57 wherein each food unit contains said

selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 1 kg.

62. An article of manufacture of claim 57 wherein each food unit contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 2 kg to about 70 kg.
63. An article of manufacture of claim 57 wherein each food unit contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 50 kg to about 1500 kg.
64. An article of manufacture of claim 57 wherein each food unit contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a dog.
65. An article of manufacture of claim ~~57~~ wherein each food unit contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a horse.
66. An article of manufacture of claim ~~57~~ wherein each food unit is for administration to a non-human animal and contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.1 mg/kg animal body weight to about 15 mg/kg animal body weight
67. An article of manufacture of claim 57 wherein each food unit is for administration to a non-human animal and contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.5 mg/kg animal body weight to about 10 mg/kg animal body weight.
68. A therapeutic or prophylactic composition comprising an edible oil, fat or

emulsion having a selective cyclooxygenase-2 inhibitor dissolved or dispersed therein, wherein said edible oil, fat or emulsion is in spreadable or liquid form.

69. A composition of claim 68 wherein said cyclooxygenase-2 inhibitor is selected from a class of compounds of the following formula:



- wherein A is a 5- or 6-member ring substituent selected from partially unsaturated or unsaturated heterocyclo and carbocyclic rings;
- wherein R<sup>1</sup> is cyclohexyl or phenyl optionally substituted with one, two or three radicals selected from C<sub>1-2</sub> alkyl, C<sub>1-2</sub> haloalkyl, cyano, carboxyl, C<sub>1-2</sub> alkoxycarbonyl, hydroxyl, C<sub>1-2</sub> hydroxyalkyl, C<sub>1-2</sub> haloalkoxy, amino, C<sub>1-2</sub> alkylamino, phenylamino, nitro, C<sub>1-2</sub> alkoxy-C<sub>1-2</sub>-alkyl, C<sub>1-2</sub> alkylsulfinyl, halo, C<sub>1-2</sub> alkoxy and C<sub>1-2</sub> alkylthio;
- wherein R<sup>2</sup> is methyl or amino;
- wherein R<sup>3</sup> is a radical selected from halo, C<sub>1-2</sub> alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocycloxy, C<sub>1-2</sub> alkyloxy, alkylthio, alkylcarbonyl, cycloalkyl, phenyl, C<sub>1-2</sub> haloalkyl, heterocyclo, cycloalkenyl, phenylalkyl, heterocyclalkyl, alkylthioalkyl, C<sub>1-2</sub> hydroxyalkyl, alkoxycarbonyl, phenylcarbonyl, phenylalkylcarbonyl, phenylalkenyl, alkoxyalkyl, phenylthioalkyl, phenyloxyalkyl, phenylalkylthioalkyl, phenylalkoxyalkyl, alkoxyphenylalkoxyalkyl, alkoxycarbonylalkyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-phenylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, alkylaminocarbonylalkyl, carboxyalkyl, alkylamino, N-aryl amino, N-aralkyl amino, N-alkyl-N-aralkyl amino, N-alkyl-N-aryl amino, aminoalkyl, alkylaminoalkyl, N-phenylaminoalkyl, N-phenylalkylaminoalkyl, N-alkyl-N-phenylalkylaminoalkyl, N-alkyl-N-phenylaminoalkyl, phenyloxy, phenylalkoxy, phenylthio, phenylalkylthio, alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl, N-phenylaminosulfonyl, phenylsulfonyl and N-alkyl-N-phenylaminosulfonyl; and

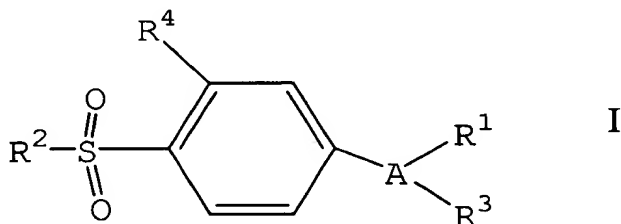
wherein R<sup>4</sup> is hydrido or fluoro;  
or a pharmaceutically-acceptable salt thereof.

70. A composition of claim 68 wherein said cyclooxygenase-2 inhibitor is selected from Celecoxib, Deracoxib, Rofecoxib and Valdecoxib.
71. A composition of claim 68 wherein said cyclooxygenase-2 inhibitor is Deracoxib.
72. A composition of claim 68 containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 1 kg.
73. A composition of claim 68 containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 2 kg to about 70 kg.
74. A composition of claim 68 containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 50 kg to about 1500 kg.
75. A composition of claim 68 containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a dog.
76. A composition of claim 68 containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a horse.
77. A composition of claim 68 wherein said composition is for administration to a non-human animal and contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.1 mg/kg animal body weight to about 15 mg/kg animal body weight.
78. A composition of claim 68 wherein said composition is for administration to a

non-human animal and contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.5 mg/kg animal body weight to about 10 mg/kg animal body weight

79. A method of treating or preventing a cyclooxygenase-2 mediated condition or disorder in a non-human animal, the method comprising applying to a food material an amount of the composition of Claim 7 corresponding to a therapeutically or prophylactically effective dose of the selective cyclooxygenase-2 inhibitor to form a dosed food composition, and feeding the dosed food composition to the animal.

80. A method of claim 79 wherein said cyclooxygenase-2 inhibitor is selected from a class of compounds of the following formula:



wherein A is a 5- or 6-member ring substituent selected from partially unsaturated or unsaturated heterocyclo and carbocyclic rings;

wherein R<sup>1</sup> is cyclohexyl or phenyl optionally substituted with one, two or three radicals selected from C<sub>1-2</sub> alkyl, C<sub>1-2</sub> haloalkyl, cyano, carboxyl, C<sub>1-2</sub> alkoxy, carbonyl, hydroxyl, C<sub>1-2</sub> hydroxyalkyl, C<sub>1-2</sub> haloalkoxy, amino, C<sub>1-2</sub> alkylamino, phenylamino, nitro, C<sub>1-2</sub> alkoxy-C<sub>1-2</sub>-alkyl, C<sub>1-2</sub> alkylsulfinyl, halo, C<sub>1-2</sub> alkoxy and C<sub>1-2</sub> alkylthio;

wherein R<sup>2</sup> is methyl or amino;

wherein R<sup>3</sup> is a radical selected from halo, C<sub>1-2</sub> alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocycloalkoxy, C<sub>1-2</sub> alkoxy, alkylthio, alkylcarbonyl, cycloalkyl, phenyl, C<sub>1-2</sub> haloalkyl, heterocyclo, cycloalkenyl, phenylalkyl, heterocyclylalkyl, alkylthioalkyl, C<sub>1-2</sub> hydroxyalkyl, alkoxy, carbonyl, phenylcarbonyl, phenylalkylcarbonyl, phenylalkenyl, alkoxyalkyl, phenylthioalkyl, phenyloxyalkyl, phenylalkylthioalkyl, phenylalkoxyalkyl, alkoxyphenylalkoxyalkyl,

- alkoxycarbonylalkyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-phenylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, alkylaminocarbonylalkyl,  
 20 carboxyalkyl, alkylamino, N-arylamino, N-aralkylamino, N-alkyl-N-aralkylamino, N-alkyl-N-arylamino, aminoalkyl, alkylaminoalkyl, N-phenylaminoalkyl, N-phenylalkylaminoalkyl, N-alkyl-N-phenylalkylaminoalkyl, N-alkyl-N-phenylaminoalkyl, phenyloxy, phenylalkoxy, phenylthio, phenylalkylthio, alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl,  
 25 N-phenylaminosulfonyl, phenylsulfonyl and N-alkyl-N-phenylaminosulfonyl; and  
 wherein R<sup>4</sup> is hydrido or fluoro;  
 or a pharmaceutically-acceptable salt thereof.

81. A method of claim 79 wherein said cyclooxygenase-2 inhibitor is selected from Celecoxib, Deracoxib, Rofecoxib and Valdecoxib.

82. A method of claim 79 wherein said cyclooxygenase-2 inhibitor is Deracoxib.

83. A method of claim 79 wherein said animal has a weight greater than about 1 kg.

84. A method of claim 79 wherein said animal has a weight within the range of about 2 kg to about 70 kg.

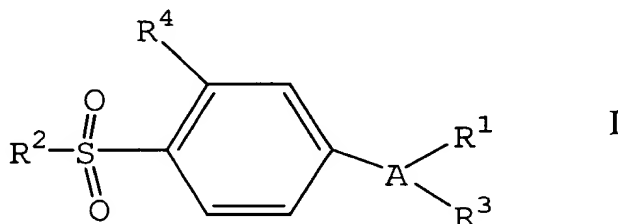
85. A method of claim 79 wherein said animal has a weight within the range of about 50 kg to about 1500 kg.

86. A method of claim 79 wherein said animal is a dog.

87. A method of claim 79 wherein said animal is a horse.

88. A method of claim 79 wherein said dosed food composition contains an amount of said selective cyclooxygenase-2 inhibitor that is between about 0.1 mg/kg animal body weight to about 15 mg/kg animal body weight.

89. A method of claim 79 wherein said dosed food composition contains an amount of said selective cyclooxygenase-2 inhibitor that is between about 0.5 mg/kg animal body weight to about 10 mg/kg animal body weight.
90. A kit comprising a first composition that comprises a selective cyclooxygenase-2 inhibitor, and a second composition that comprises an edible material that is liquid at ambient temperature or when warmed to a temperature below the decomposition point of the cyclooxygenase-2 inhibitor.
91. A kit of claim 90 wherein said cyclooxygenase-2 inhibitor is selected from a class of compounds of the following formula:



- wherein A is a 5- or 6-member ring substituent selected from partially unsaturated or unsaturated heterocyclo and carbocyclic rings;
- wherein R<sup>1</sup> is cyclohexyl or phenyl optionally substituted with one, two or three radicals selected from C<sub>1-2</sub> alkyl, C<sub>1-2</sub> haloalkyl, cyano, carboxyl, C<sub>1-2</sub> alkoxy, carbonyl, hydroxyl, C<sub>1-2</sub> hydroxyalkyl, C<sub>1-2</sub> haloalkoxy, amino, C<sub>1-2</sub> alkylamino, phenylamino, nitro, C<sub>1-2</sub> alkoxy-C<sub>1-2</sub>-alkyl, C<sub>1-2</sub> alkylsulfinyl, halo, C<sub>1-2</sub> alkoxy and C<sub>1-2</sub> alkylthio;
- wherein R<sup>2</sup> is methyl or amino;
- wherein R<sup>3</sup> is a radical selected from halo, C<sub>1-2</sub> alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocycloalkoxy, C<sub>1-2</sub> alkoxy, alkylthio, alkylcarbonyl, cycloalkyl, phenyl, C<sub>1-2</sub> haloalkyl, heterocyclo, cycloalkenyl, phenylalkyl, heterocyclylalkyl, alkylthioalkyl, C<sub>1-2</sub> hydroxyalkyl, alkoxy, carbonyl, phenylcarbonyl, phenylalkylcarbonyl, phenylalkenyl, alkoxyalkyl, phenylthioalkyl, phenyloxyalkyl, phenylalkylthioalkyl, phenylalkoxyalkyl, alkoxyphenylalkoxyalkyl, alkoxy, carbonyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-phenylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, alkylaminocarbonylalkyl,

- 20 carboxyalkyl, alkylamino, N-arylamino, N-aralkylamino, N-alkyl-N-aralkylamino, N-alkyl-N-arylamino, aminoalkyl, alkylaminoalkyl, N-phenylaminoalkyl, N-phenylalkylaminoalkyl, N-alkyl-N-phenylalkylaminoalkyl, N-alkyl-N-phenylaminoalkyl, phenyloxy, phenylalkoxy, phenylthio, phenylalkylthio, alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl,
- 25 N-phenylaminosulfonyl, phenylsulfonyl and N-alkyl-N-phenylaminosulfonyl; and  
 wherein R<sup>4</sup> is hydrido or fluoro;  
 or a pharmaceutically-acceptable salt thereof.

92. A kit of claim 90 wherein said cyclooxygenase-2 inhibitor is selected from Celecoxib, Deracoxib, Rofecoxib and Valdecoxib.

93. A kit of claim 90 wherein said cyclooxygenase-2 inhibitor is Deracoxib.

94. A kit of claim 90 containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 1 kg.

95. A kit of claim 90 containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 2 kg to about 70 kg.

96. A kit of claim 90 containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 50 kg to about 1500 kg.

97. A kit of claim 90 containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a dog.

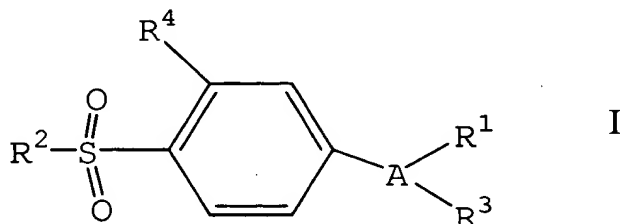
98. A kit of claim 90 containing said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a horse.

99. A kit of claim 90 wherein said kit is used to administer said selective cyclooxygenase-2 inhibitor to a non-human animal and said first composition contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.1 mg/kg animal body weight to about 15 mg/kg animal body weight.

100. A kit of claim 90 wherein said kit is used to administer said selective cyclooxygenase-2 inhibitor to a non-human animal and said first composition contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.5 mg/kg animal body weight to about 10 mg/kg animal body weight.

101. A method of preparing a therapeutic or prophylactic composition comprising mixing a metered amount of a first composition that comprises a selective cyclooxygenase-2 inhibitor with a metered amount of a second composition that comprises an edible material that is liquid at ambient temperature or when warmed to a temperature below the decomposition point of the cyclooxygenase-2 inhibitor, said second composition being in liquid form, wherein said mixing is continued until the first composition is uniformly dissolved or dispersed in the second composition, forming a spreadable or fluid composition.

102. A method of claim 101 wherein said cyclooxygenase-2 inhibitor is selected from a class of compounds of the following formula:



wherein A is a 5- or 6-member ring substituent selected from partially unsaturated or unsaturated heterocyclo and carbocyclic rings;

wherein R<sup>1</sup> is cyclohexyl or phenyl optionally substituted with one, two or three radicals selected from C<sub>1-2</sub> alkyl, C<sub>1-2</sub> haloalkyl, cyano, carboxyl, C<sub>1-2</sub> alkoxy, carbonyl, hydroxyl, C<sub>1-2</sub> hydroxyalkyl, C<sub>1-2</sub> haloalkoxy, amino, C<sub>1-2</sub> alkylamino, phenylamino, nitro, C<sub>1-2</sub> alkoxy-C<sub>1-2</sub>-alkyl, C<sub>1-2</sub> alkylsulfinyl, halo, C<sub>1-2</sub>

- 10 alkoxy and C<sub>1-2</sub> alkylthio;  
 wherein R<sup>2</sup> is methyl or amino;  
 wherein R<sup>3</sup> is a radical selected from halo, C<sub>1-2</sub> alkyl, alkenyl, alkynyl, oxo,  
 cyano, carboxyl, cyanoalkyl, heterocycloxy, C<sub>1-2</sub> alkyloxy, alkylthio, alkylcarbonyl,  
 cycloalkyl, phenyl, C<sub>1-2</sub> haloalkyl, heterocyclo, cycloalkenyl, phenylalkyl,  
 15 heterocyclalkyl, alkylthioalkyl, C<sub>1-2</sub> hydroxyalkyl, alkoxyalkyl, phenylcarbonyl,  
 phenylalkylcarbonyl, phenylalkenyl, alkoxyalkyl, phenylthioalkyl, phenyloxyalkyl,  
 phenylalkylthioalkyl, phenylalkoxyalkyl, alkoxyphenylalkoxyalkyl,  
 alkoxyalkylcarbonyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-  
 phenylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, alkylaminocarbonylalkyl,  
 20 carboxyalkyl, alkylamino, N-arylamino, N-aralkylamino, N-alkyl-N-aralkylamino,  
 N-alkyl-N-arylamino, aminoalkyl, alkylaminoalkyl, N-phenylaminoalkyl,  
 N-phenylalkylaminoalkyl, N-alkyl-N-phenylalkylaminoalkyl, N-alkyl-N-  
 phenylaminoalkyl, phenyloxy, phenylalkoxy, phenylthio, phenylalkylthio,  
 alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl,  
 25 N-phenylaminosulfonyl, phenylsulfonyl and N-alkyl-N-phenylaminosulfonyl; and  
 wherein R<sup>4</sup> is hydrido or fluoro;  
 or a pharmaceutically-acceptable salt thereof.

103.A method of claim 101 wherein said cyclooxygenase-2 inhibitor is selected from  
 Celecoxib, Deracoxib, Rofecoxib and Valdecoxib.

104.A method of claim 101 wherein said cyclooxygenase-2 inhibitor is Deracoxib

105.A method of claim 101 wherein said metered amount of said first composition  
 contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or  
 prophylactically effective for a non-human animal of body weight greater than  
 about 1 kg.

106.A method of claim 101 wherein said metered amount of said first composition  
 contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or

prophylactically effective for a non-human animal of body weight greater than about 2 kg to about 70 kg.

107. A method of claim 101 wherein said metered amount of said first composition contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 50 kg to about 1500 kg.

108. A method of claim 101 wherein said metered amount of said first composition contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a dog.

109. A method of claim 101 wherein said metered amount of said first composition contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a horse.

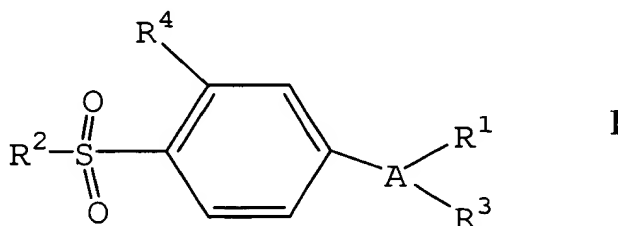
110. A method of claim 101 wherein said composition is administered to a non-human animal and said metered amount contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.1 mg/kg animal body weight to about 15 mg/kg animal body weight.

111. A method of claim 101 wherein said composition is administered to a non-human animal and said metered amount contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.5 mg/kg animal body weight to about 10 mg/kg animal body weight.

✓  
112. A method of preparing a food composition useful in treating or preventing a cyclooxygenase-2 mediated condition or disorder in a non-human animal, the method comprising dissolving or uniformly dispersing a cyclooxygenase-2 inhibitor in a liquid edible material at a temperature below the decomposition point of the cyclooxygenase-2 inhibitor to form a solution or dispersion, and mixing the solution or dispersion with a food material to form a food composition

wherein the cyclooxygenase-2 inhibitor is substantially homogeneously distributed.

113.A method of claim 112 wherein said cyclooxygenase-2 inhibitor is selected from a class of compounds of the following formula:



- wherein A is a 5- or 6-member ring substituent selected from partially
- 5 unsaturated or unsaturated heterocyclo and carbocyclic rings;
- wherein R<sup>1</sup> is cyclohexyl or phenyl optionally substituted with one, two or three radicals selected from C<sub>1-2</sub> alkyl, C<sub>1-2</sub> haloalkyl, cyano, carboxyl, C<sub>1-2</sub> alkoxy, carbonyl, hydroxyl, C<sub>1-2</sub> hydroxyalkyl, C<sub>1-2</sub> haloalkoxy, amino, C<sub>1-2</sub> alkylamino, phenylamino, nitro, C<sub>1-2</sub> alkoxy-C<sub>1-2</sub>-alkyl, C<sub>1-2</sub> alkylsulfinyl, halo, C<sub>1-2</sub> alkoxy and C<sub>1-2</sub> alkylthio;
- 10 wherein R<sup>2</sup> is methyl or amino;
- wherein R<sup>3</sup> is a radical selected from halo, C<sub>1-2</sub> alkyl, alkenyl, alkynyl, oxo, cyano, carboxyl, cyanoalkyl, heterocycloalkoxy, C<sub>1-2</sub> alkoxy, alkylthio, alkylcarbonyl, cycloalkyl, phenyl, C<sub>1-2</sub> haloalkyl, heterocyclo, cycloalkenyl, phenylalkyl,
- 15 heterocyclylalkyl, alkylthioalkyl, C<sub>1-2</sub> hydroxyalkyl, alkoxy, carbonyl, phenylcarbonyl, phenylalkylcarbonyl, phenylalkenyl, alkoxyalkyl, phenylthioalkyl, phenyloxyalkyl, phenylalkylthioalkyl, phenylalkoxyalkyl, alkoxyphenylalkoxyalkyl, alkoxy, carbonyl, aminocarbonyl, aminocarbonylalkyl, alkylaminocarbonyl, N-phenylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, alkylaminocarbonylalkyl,
- 20 carboxyalkyl, alkylamino, N-arylaminocarbonyl, N-arylaminocarbonylalkyl, N-alkyl-N-arylaminocarbonyl, N-alkyl-N-arylaminocarbonylalkyl, aminoalkyl, alkylaminocarbonyl, N-phenylaminocarbonyl, N-phenylalkylaminocarbonyl, N-alkyl-N-phenylalkylaminocarbonyl, N-alkyl-N-phenylaminocarbonyl, phenyloxy, phenylalkoxy, phenylthio, phenylalkylthio, alkylsulfinyl, alkylsulfonyl, aminosulfonyl, alkylaminosulfonyl,
- 25 N-phenylaminosulfonyl, phenylsulfonyl and N-alkyl-N-phenylaminosulfonyl; and

wherein R<sup>4</sup> is hydrido or fluoro;  
or a pharmaceutically-acceptable salt thereof.

114.A method of claim 112 wherein said cyclooxygenase-2 inhibitor is selected from Celecoxib, Deracoxib, Rofecoxib and Valdecoxib.

115.A method of claim ~~112~~ wherein said cyclooxygenase-2 inhibitor is Deracoxib.

116.A method of claim 112 wherein said food composition contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 1 kg.

117.A method of claim 112 wherein said food composition contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 2 kg to about 70 kg.

118. A method of claim 112 wherein said food composition contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a non-human animal of body weight greater than about 50 kg to about 1500 kg.

119.A method of claim 112 wherein said food composition contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a dog.

120.A method of claim 112 wherein said food composition contains said selective cyclooxygenase-2 inhibitor in an amount therapeutically or prophylactically effective for a horse.

121. A method of claim 112 wherein said food composition contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.1 mg/kg animal

body weight to about 15 mg/kg animal body weight.

122.A method of claim 112 wherein said food composition contains said selective cyclooxygenase-2 inhibitor in an amount that is between about 0.5 mg/kg animal body weight to about 10 mg/kg animal body weight.